



Eastern New Mexico University  
College of Liberal Arts and Sciences  
2023-2025 Catalog

Major: <u>Biology</u>	Minor: <u>Not required</u>
Emphasis: <u>Pre-Medicine</u>	Degree: <u>Bachelor of Science / Bachelor of Arts (B.S./B.A.)</u>

This degree plan is a guide only. Consult with an adviser before enrolling in courses. For more detailed information on coursework and degree requirements, refer to the catalog and consult with an adviser.

All course requirements in the major must have a grade of "C" or better. All acceptable transfer work from a junior or community college will be recorded as lower division credit.

Note: All Bachelor degrees at ENMU require 120 minimum total credit hours including 40 upper-division (300-/400-level) hours. Developmental and vocational/technical courses will not be counted toward graduation requirements.

**BACHELOR'S DEGREE REQUIREMENTS (6 hours)**

FYEX 1110 First-Year Seminar  
Diversity/Global Upper-Division

**GENERAL EDUCATION REQUIREMENTS (non-teaching) (31-33 hours)**

**REQUIREMENTS in Biology Core (26 hours)**

BIOL 2110/L Principles of Biology: Cellular & Molecular Biology  
BIOL 2120 Cellular & Molecular Biology  
BIOL 2610/L Principles of Biology: Biodiversity, Ecology & Evolution  
BIOL 2630 General Botany  
BIOL 303 General Ecology  
BIOL 304/L Genetics  
BIOL 306/L Microbiology  
BIOL 492 Undergraduate Seminar & Assessment (taken in the final semester)

**REQUIREMENTS in Emphasis (19-20 hours)**

BIOL 2210/L Human Anatomy & Physiology I  
BIOL 2225/L Human Anatomy & Physiology II  
BIOL 380 Endocrinology -OR-  
BIOL 427 Developmental Biology  
BIOL 421 Immunology -OR-  
BIOL 422/L Medical Microbiology  
BIOL 424/L Advanced Human Physiology -OR-  
BIOL 433/L Neurobiology

Complete 3 to 4 upper-division (300-/400-level) credit hours in a specialty biology course in consultation with the academic advisor. Courses already completed from the list above may not be counted twice to also fulfill the specialty course requirement.

**REQUIREMENTS in other areas (31-32 hours)**

CHEM 1215/L General Chemistry I for STEM Majors  
CHEM 1225/L General Chemistry II for STEM Majors  
CHEM 341/L Organic Chemistry I  
MATH 1220 College Algebra  
MATH 1350 Introduction to Statistics  
MATH 1430 Applications of Calculus I -OR-  
MATH 1510 Calculus I  
PHYS 1230/L Algebra-Based Physics I  
PHYS 1240/L Algebra-Based Physics II